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Adoption Breakdown: Concept, Research and Implications

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Abstract

A rich and heterogeneous body of knowledge about adoption breakdown has accumulated in recent years. The goal of this article is to review the existing research literature on the topic. Terminological and methodological difficulties are discussed before the main findings about the incidence of adoption breakdown are presented. A detailed examination of the child, parent and support and service characteristics associated with the breakdown experience follows. The review ends with the analysis of some policy and practice implications, as well as with suggestions about how to increase and improve the study of adoption breakdown.

Adoption Breakdown: Concept, Research and Implications

Children are placed in adoptive families with the intention of permanence and stability. Although the majority of adoptive placements achieve this goal (Festinger, 2014), some others experience severe difficulties ending in the separation of children and their adoptive parents. The articles in this special section concern those cases of what, years ago, Kadushin and Seidl (1971) considered “unfortunate interactional configurations” (p. 37) of specific people in specific circumstances, with the unexpected and undesirable outcome of permanent placement interruption. As a preamble to the following articles in this special section, we summarize the main issues involved in researching adoption breakdown. After an introduction highlighting terminological and methodological problems, a review of the main findings of the literature regarding breakdown rates and associated factors will follow, concluding with a discussion of some policy, practice and research implications.

Terminological and Methodological Problems

Research into adoptive placements ending in separation is fraught with difficulties. To begin with, there is no unanimity in the *terminology*. The initial U.S. studies used the term “failed adoptions” (Kadushin & Seidl, 1971) to refer to adoptive placements ending before legal completion, but the term “adoption disruption” was soon preferred to avoid the “forbidding sense of finality and doom” (Donley, 1978, p. 34) that came with the term “failed adoptions.” In the United States, “adoption dissolution” is used to refer to the permanent ending of an adoption after finalization by the courts. Some of these cases are conceptualized as “displacements” or “post-adoption placements” (Festinger & Maza, 2009), meaning a separation from the family once the child has been legally adopted. In reality, some of the “displacements” do not imply final separation and are temporary, while others are tantamount to permanent separation without formal dissolution (Evan B. Donaldson Adoption Institute, 2004). “Post-adoption instability” (Smith, 2014) and “post-permanency discontinuity”

(Rolock, 2015) have also been suggested as other terms to refer to the variety of circumstances under which some children leave their homes after adoption and before becoming adults. But the meaning of “leaving home” is not always clear, the definition of “adult” changes from one place to another (e.g., the legal age for leaving care in England is 18, yet in Scotland it is 21 years old) and counterfactual information for non-adoptive young adults is lacking: how long would one expect young adults, birth or adoptive, to live at home with parents or guardians?

The first studies outside the United States also used the “failed adoptions” terminology (Hoksbergen, 1991), but other terms (adoption rupture, truncated adoptions) were soon preferred, with “adoption disruption” and “adoption breakdown” becoming the U.K. favorites (Rushton, 2004). This in part reflects differences in the legal provisions from one country to another. In the United Kingdom, for instance, adoption dissolution is very rare and, in most instances, adoptive parents remain the legal parents even if the child returns to the care system. The U.K. researchers refer to pre-order and post-order disruptions, depending on when the separation happens (e.g., Quinton, Rushton, Dance, & Mayes, 1998).

To avoid the conflicting meanings of “adoption disruption” (as illustrated in Coakley & Berrick, 2008), in this special section we refer to “adoption breakdown” to mean the end of adoptive family life together for parents and children under 18 years old, irrespective of whether the legal adoption proceedings have finalized. Once the child is no longer in the pre-adoptive or adoptive home, there will be cases of ongoing contact and others with contact severed permanently. In some cases (e.g., placement with friends or family members, or in a residential treatment center) the separation will be temporary, perhaps with the hope of reunification, while in others there will be no reunification plans, even when the adoption is not legally dissolved.

The diversity in *adoption policies and data collection designs* parallels the terminological discrepancies. To begin, the international comparison of findings on disruption rates is complicated by the fact that adoption policies differ widely between countries. In the United States, for example, most children in care are adopted by their foster carers or relatives, with only 14% being adopted by strangers (U.S. Department of Health and Human Services, [USDHHS], 2015), but the latter happens in 84% of the English placements (Department for Education, 2016). As a consequence, early disruptions are more likely in England than in the United States, where most children had been living with their adopters previously in a foster care arrangement.

Regarding the heterogeneity in research designs, some studies refer only to placements ending before legalization or pre-order cases (e.g., Marinho, Barbosa-Ducharne, & McRoy, 2012; Rushton, Dance, Quinton, & Mayes, 2001; Smith, Howard, Garnier, & Ryan, 2006). Other research focuses only on after legalization or post-order cases (e.g., Festinger, 2002; Rolock & White, 2016; Selwyn, Wijedasa, & Meakings, 2014). Still others encompass both situations (e.g., Palacios, Jiménez-Morago, & Paniagua, 2015; Randall, 2013; Selwyn, Sturgess, Quinton & Baxter, 2006). Some adoption breakdown studies are limited to specific populations, such as adoptive placements of adolescents (e.g., Berry & Barth, 1990), sibling groups (e.g., Rushton et al., 2001) or special needs children (e.g., Fratter, Rowe, Sapsford, & Thoburn, 1991), while others consider all adoptive placements (e.g., Randall, 2013).

Differences in adoption breakdown research also extend to the period involved between the placement and its finalization. Some studies refer to a very short follow up time (six months follow-up in Farmer, Dance, Beecham, Bonin, & Ouwejan, 2010; one year follow-up in Rushton et al., 2001), while others consider a more protracted period of time

(more than 10 years in Palacios et al., 2015; Randall, 2013; Rolock & White, 2016; Selwyn et al., 2014).

Finally, the source of information is also quite diverse between studies. Some use administrative data (Berry & Barth, 1990; Palacios et al., 2015; Rolock & White, 2016; Smith et al., 2006), at times complemented with the study of case records (Holloway, 1997). Other studies are based on surveys and questionnaires from agencies (Evan D. Donaldson Adoption Institute, 2004; McDonald, Lieberman, Partridge, & Hornby, 1991). There are studies based on a random sample of adoptive families (Festinger, 2002), on interviews with parents and social workers (Rushton et al., 2001), or on case file analysis (Beckett, Pinchen, & McKeigue, 2013; Marinho et al., 2012; Palacios et al., 2015; Randall, 2013). Multi-method studies combine administrative data, survey of parents and interviews with parents and case workers (e.g., Selwyn et al., 2014). Less used is the comparison of matched groups of intact and disrupted cases (Barbosa-Ducharme & Marinho, this issue; Marinho et al., 2012; Rosenthal, Schmidt, & Conner, 1988; Smith & Howard, 1991; Wijedasa & Selwyn, 2017).

In conclusion, adoption breakdown refers to various situations where children placed in families with an intent to adopt exit the family either before or prematurely after the completion of the legal adoption procedures. To study this diversity, researchers have used a variety of methodological approaches including different populations, different sources of information and different data collection procedures. Can homogeneous research outcomes be expected out of this heterogeneity? The following two sections respond to this question regarding the incidence of adoption breakdown and the factors identified as associated with its occurrence.

Incidence

All the diversity discussed above is reflected in the rates of adoption breakdown reported in the existing research. The estimate of incidence is further complicated by the

difficulty involved in the identification of cases, which extends to all adoption types, jurisdictions and circumstances and was identified by early researchers, who referred to the “subtle graded range of success-failure” (Kadushin & Seidl, 1971, p. 32). To count a placement as broken down it must first be identified, an identification that is at times problematic. An indication could be the placement of the adopted child in out-of-home care, but, as mentioned earlier, these are not necessarily cases of breakdown.

Moreover, in most countries, and in the absence of a system like the Swedish personal identification number assigned at birth or immigration and permanent until death, the change of family name once the child is legally adopted adds another layer of difficulty. Matters are even more complicated (and not only in terms of case identification) when adoptive parents use unregulated means to place their adopted children with new families within a purely private arrangement, sometimes known in the United States as “unregulated transfer of custody” or even “rehomeing.” The breakdown is then simply unknown and, therefore, not tracked or reported (Green, 2017).

The identification of cases is much easier when they are documented in child welfare records. But even when detailed child protection data are available, researchers still need to deal with contradictions and problems (Smith et al., 2006). As an illustration of the case identification difficulty, the Evan B. Donaldson Adoption Institute’s (2004) survey of fifteen child welfare systems in the United States found a lack of common definitions of disruption and dissolution, inadequate management of information systems, and failure of overworked staff to collect and/or enter the data.

All this considered, it comes as little surprise that the percentages of breakdown reported are as varied as the studies themselves. It is typical for reviews of incidence rates to offer a wide range of estimates: Rushton (2004) refers to a range between 10% and 50%; other reviews mention a range between 10-25% (Child Welfare Information Gateway, 2012),

10-27% (Evan B. Donaldson Adoption Institute, 2004), and between 10-20% (Berry, 1997). As a justification, the reviews normally follow their figures with the caveat “depending on the composition of the sample, the duration of the study and other factors.” As Festinger (2014) points out, the global incidence rates are misleading, as they represent a composite of many rates that differ from one study to another depending on the studied group or subgroup.

Each reported incidence rate reflects a part of the reality of adoption breakdown, and this reality is very heterogeneous. Two examples will suffice as illustration. The U.S. Department of State reports that for the fiscal year 2015 there were 5,648 intercountry adoptions into the United States, with 58 cases of breakdown (disruption and dissolution included) (U.S. Government Accountability Office [GAO], 2015). This represents an incidence of 1%. But the cases known by the GAO are only those whose breakdown happened while it was involved in the process of the child leaving the country of origin and being administratively settled in the United States. However, as discussed below, most breakdown cases do not happen around the placement of the child, but as the problems and conflicts unfold during life together (Evan B. Donaldson Adoption Institute, 2004).

The other example comes from a prospective study by Rushton and Dance (2006) involving children placed in England with new families at ages 5-11 years and followed up for six years. For this group, there was a 23% disruption rate. Those whose adoptions broke down entered care at an average of 3.3 years and were placed for adoption at an average age of 8.8 years. In those 5.5 years they experienced a high level of instability, with averages of 6.7 moves and less than 10 months in each placement previous to the one ending in breakdown. In one third of the cases, children had been separated from their birth parents while other siblings remained with them (what the authors call “preferential rejection”) and, at follow-up, 70% were behaviorally troubled.

The two previous examples illustrate the extreme ends of the breakdown range often reported in the literature. The 1% of the first example refers only to breakdown while the adoption paperwork is being processed, telling nothing about what happens afterwards. The 23% of the second example refers to a group of late adoptions after quite a troubled care trajectory, telling little about the majority of adoption placements.

Reporting the incidence rate for the majority is not easy, as the information is available only for limited samples. In the United States, with information obtained from 21 States, a GAO report of 2002, cited by the Evan B. Donaldson Adoption Institute (2004), reported a 5% disruption rate and 1% dissolution. According to Coakley and Berrick (2008), the summary of studies published since the early 1990s estimates the incidence between 6% and 11% before legal formalization and it is well established that the breakdown rate decreases thereafter. All this considered, perhaps the data reported in Smith (2014) are a good summary of the global picture for the United States in recent years: 9.5% adoption disruptions (pre-order) and 2.2% adoption dissolutions (post-order). However, the percentage of dissolutions seems higher when the time after adoption increases. According to Rolock and Testa (2008), at two years post-finalization about 2% of adoptions had experienced discontinuity, at five years it was 4% and 9% at 10 years. In any case, adoption dissolution represents only the extreme end of placement instability. U.S. research reported by Smith (2014) indicates that the proportion of adoptees not living with their adoptive parents who were in different informal living arrangements was higher than the proportion of those in formal placements. Of these, 9.5% re-entered the foster care system; half of the non-dissolved adoptees were reunified with their adoptive parents (Maza, 2014), while 60.5% of the dissolved ones were adopted into another family.

The early U.S. studies, that concerned white babies without special needs, reported rates of less than 2% (Kadushin, 1980). As the adoption population evolved to include

children with a variety of ethnic backgrounds, more in their middle childhood or preadolescence years than in their infancy, placed after more adversities, the proportion of breakdowns increased (Festinger, 2014). Moreover, during the 1990s, changes in the U.S. adoption legislation emphasized the need for speeding up waiting times, as well as the preference for permanent placements such as adoption. These changes suggested that decision making “in a rush to permanency” (Coakley & Berrick, 2008) would increase breakdown rates. The available information, however, indicates that this has not been the case (Child Welfare Information Gateway, 2012). Smith et al. (2006) showed that while the number of adoptive placements increased by 42% between the years 1995 and 2000, the rate of disruptions decreased from almost 13% in 1995 to less than 6% in 2000. Another longitudinal study in the United States found that, despite significant shifts in the number of finalized adoptions or guardianships, the proportion of families with post-finalization breakdown remained relatively constant over the considered decade (Rolock & White, 2016).

The incidence reported by U.K. researchers, as reviewed by Selwyn et al. (2014), is similar, with a rate of 3-10% pre-order and 4-6% post-order disruptions. While this summarizes previous research, the results in Selwyn et al. (2014) are of great interest, as they refer to data for the whole of England during a significant period of time (2000-2011). This study refers only to post-order adoption disruptions (U.S. dissolutions) and reports an incidence of 3.2%, quite compatible with the rates reported previously.

While the U.S. and the U.K. researchers have studied adoption breakdown over several decades, the information from other European countries is more limited. In the pioneer study on “failing adoptions” in Holland, Hoksbergen (1991) identified 5.7% of all intercountry adoptees placed in residential care, but indicated that around 50% may eventually return to the adoptive family. The Swedish study by Elmund, Lindblad, Vinnerljung and Hjern (2007) also referred to placement in residential or family care of 4%

of intercountry adoptees, some of which may eventually return to the care of their adoptive parents.

In Spain, for intercountry adoptees, Berástegui (2003) reported an incidence of 1.5%, including both high risk and breakdown cases. Also in Spain, but more recently, Palacios et al. (2015) reported a breakdown incidence of 2% for domestic adoptions (including both pre- and post-legalized adoptive placements) and 0.3% for intercountry adoptions, with a total average of 1.3%.

Two considerations seem appropriate before closing this section on adoption breakdown incidence. First, as Festinger (2014) indicated, the focus on the dramatic experience of breakdown might lead to distort a global picture showing that adoption is a successful alternative for the vast majority of adopted children and adoptive parents. A note of caution should however be added, as the “known” breakdown cases represent only a partial picture of the struggle of many adoptive families to remain together. According to Smith (2014), 20-30% of adoptions from foster care face significant challenges.

The second consideration seems quite appropriate to close this summary of uncertain adoption breakdown incidence. Time seems to be ripe for a meta-analysis that considers the rich but heterogeneous wealth of available information. Such a meta-analytical effort was completed on foster care breakdown (Oosterman, Schuengel, Wimsloot, Bullens, & Doreleijers, 2007). Meanwhile, what can be offered are summaries such as this or those in other reviews (Child Welfare Information Gateway, 2012; Coakley & Berrick, 2008; Evan B. Donaldson Adoption Institute, 2004; Faulkner, Adkins, Fong, & Rolock, 2017; Festinger, 2014; Rosnati, Ranieri & Ferrari, 2017; Rosenthal, 1993; Rushton, 2004; Smith, 2014; White, 2016).

Associated Factors

Given the heterogeneity in terminology, methods and incidence, the level of agreement regarding the factors associated with the breakdown experience is unexpectedly high. As summarized by Palacios (2012), the basic agreement is that breakdown is more the consequence of an accumulation of negative circumstances than the product of a single factor. The circumstances typically involve a triad of child, adoptive parents, and support and service related factors. Although studies differ substantially in the identification of specific characteristics within each of the factors, their main similarities will also be highlighted in the summary to follow.

Child Related Factors

Regarding child characteristics associated with adoption breakdown, an *older age at placement* stands out in all reviews (Child Welfare Information Gateway, 2012; Coakley & Berrick, 2008; Evan B. Donaldson Adoption Institute, 2004; Faulkner et al., 2017; Festinger, 2014; Rushton, 2004; Smith, 2014). The child's age at placement was a factor identified in the first studies (Kadushin & Seidl, 1971), as well as in more recent research (e.g., Selwyn et al., 2014). It has been highlighted in both intercountry (e.g., Palacios, Sánchez-Sandoval & León, 2005) and domestic (e.g., Selwyn et al., 2014) adoptions, as well as both in special needs (e.g., Rosenthal et al., 1988) and non-special needs studies (e.g., Goerge, Howard, Yu, & Radomsky, 1997) (see also Paniagua, Palacios, Jiménez-Morago and Rivera, this issue).

Growing up in very adverse circumstances, an older age implies a longer exposure to adversity. Persistent maltreatment and toxic stress alter stress reactivity, brain functions, development and behavior (Turecki, Ota, Balangero, Jackowski, & Kaufman, 2014) and the children involved tend to develop a view of the world and people as dangerous and unpredictable (Gibb, 2002), with negative consequences for mood and behavior (Heim & Nemeroff, 2001), as well as for self-regulation and interpersonal relationship capacities

(Tarren-Sweeney & Vetere, 2013). Age at placement is a proxy for accumulated adversity whose harmful impact goes well beyond the moment of placement.

In the adoption breakdown literature, the child's age is usually mentioned only in terms of placement, with *age at breakdown* being less considered. Recent research has consistently found that early adolescence is when more youngsters leave their adoptive homes either temporarily or permanently. Maza (2014), Palacios et al. (2015), Rolock and White (2016), and Selwyn et al. (2014) report an average age of 13-14 years when the adoptees leave their families, normally several years after placement. The average time since placement until breakdown was six years in Palacios et al. (2015), while in Selwyn et al. (2014), 57% left their home five years after the adoption order, and only 14% within two years. As Palacios and colleagues (2015) indicated, more than the consequence of a temporary crisis, adoption breakdown tends to happen after several years of stress and difficulties (see also Paniagua et al., this issue).

The other child related factor systematically associated with breakdown in all the reviews is the *child's behavioral and emotional problems* (Child Welfare Information Gateway, 2012; Coakley & Berrick, 2008; Evan B. Donaldson Adoption Institute, 2004; Faulkner et al., 2017; Festinger, 2014; Maza, 2014; Rosenthal, 1993; Rosnati et al., 2017; Rushton, 2004; White, 2016). As an example, Selwyn et al. (2014) provide a good summary of the problems that the adoptive parents in their study reported as being difficult to handle, the number and severity of such problems not being similar for all children. In this study, the most common situation was that the difficulties started soon after placement (80% of cases), while for the rest, the escalation of problems began at around puberty, similar to the proportion reported by Palacios et al. (2015). Difficulties with early onset included troubles forming close attachments, manipulation and control, anger and aggression, mood and self-esteem problems, inappropriate sexual behaviors, thinking and learning problems. The

difficulties starting or escalating during adolescence included anger, aggression, violence within the adoptive home, oppositional behavior and running away, criminal offences and sexualized behaviors (Selwyn et al., 2014). Of particular relevance was the presence of violence in the family, very often (but not exclusively) from children to parents. Similar to the percentage in Palacios et al. (2015), in almost two-thirds of their cases Selwyn et al. (2014) found a connection between child violence and breakdown. Testa, Snyder, Wu, Rolock, and Liao (2014) have shown that as the adoptive parents' rating of the difficulties increases so do their thoughts about ending the relationships, which, mediated by the level of parental commitment, is a predictor of breakdown.

Regarding emotional problems, attachment disturbances at placement were often described by parents of children who experienced breakdown in the study by Selwyn et al. (2014). In 60% of the breakdown cases in Palacios et al. (2015), attachment problems were identified, mostly from the very beginning of placement. Since attachment problems are relational, this aspect will be returned to when discussing parent related factors.

Both earlier (Barth, Berry, Yoshikami, Goodfield, & Carson, 1988) and more recent studies (Rolock & White, 2016; Selwyn et al., 2014) are consistent in showing that children with *more moves in care* (including previous experiences of adoption breakdown) prior to their new adoptive placement have a higher risk of new breakdown experiences (Rolock et al., this issue). Lack of trust towards adults and fear of new emotional commitments are most likely involved, as well as difficult behavioral issues and lack of training and support for the parents.

Findings for other child aspects have been more mixed. Some studies have identified *specific types of pre-adoption maltreatment* associated with breakdown. But the type of maltreatment varies from one study to another: neglect and emotional abuse in Smith et al.

(2006); sexual abuse in Nalavany, Ryan, Howard, and Smith (2008) and in Smith and Howard (1994); and exposure to domestic violence in Selwyn et al. (2014).

Contrasting findings have also been reported for the *placement of siblings*. While in Smith et al. (2006) the placement of siblings was associated with a higher risk of breakdown (with the exception of four or more placed together), in Rolock and White (2016) it was associated with a lower probability. In her review on sibling placement outcomes, Hegar (2005) concluded that most studies suggest that these placements are as stable as, or more stable than, placements of single children or separated siblings. Reflecting on these contradictory findings, Festinger (2014) suggests that other factors besides sibling placement per se might be involved, such as the composition of the household where the siblings are placed. According to the Evan B. Donaldson Adoption Institute (2004) review, some of the aspects to consider are the presence of biological children in the adoptive home, the number of children present, the age and age-order of all the children involved (see also Selwyn, this issue).

Poorer placement outcomes have been reported for “preferential rejection” cases where a child is adopted while other siblings remain with their birth parents. This may occur because the preferentially rejected child develops a negative image of self and adults that may work against the formation of a secure attachment to the adopters (Rushton & Dance, 2003). A similar phenomenon of preferential rejection has been identified in breakdown cases involving siblings when only one of them leaves the adoptive home while the other(s) remain, the oldest child in the sibling group being involved in 70% of the cases and the youngest one only in 18% of the cases in Palacios et al. (2015).

Research has also explored the role of other child factors, such as *gender* or *race*. Most studies have found these characteristics not to be associated with breakdown once all the other factors (particularly age at placement and behavior/emotional problems) are

considered. When these factors have been identified to play a role, males were overrepresented compared to females (Barth et al., 1988), as well as African-American compared to white children (Rolock et al., this issue; Rolock & White, 2016; Smith et al., 2006; Smith, 2014).

Other child related factors potentially relevant for the breakdown experience have not been empirically explored, or are only in an initial stage of study, due to the difficulty in accessing the relevant information. Genetic and constitutional characteristics, genes-environment interactions, exposure to pre-birth or very early adversities not documented or very poorly reported in the child records can carry long term negative consequences, including serious difficulties in interpersonal relationships (e.g., Litrownik, Proctor & Yeh, in press).

Parent Related Factors

While a few child related factors have been unanimously associated with adoption breakdown, this is not the case for parent related factors. This in part has to do with the fact that different researchers consider different characteristics. Palacios et al. (2015), for instance, analyzed the motivation to adopt, concluding that when the main motivation was the satisfaction of adults' needs (e.g., desire to have children, need to give love) the risk of breakdown was higher. Testa et al. (2014) analyzed parents' commitment once serious problems were perceived as exceeding their capacity, finding this to be a mediator between problems and breakdown. But the variables in these two examples (motivation, commitment) are not included in most adoption breakdown studies. Also, even when a given parental characteristic is found to be relevant in several studies, its association with breakdown tends to be at best modest, particularly when considered in isolation.

Although in these circumstances it is more difficult to provide a synthesis of the main research findings, the characteristics of intact adoptive families described by McRoy (1999)

for special needs adoptions may be a good guide for our summary. Following her conclusions, parents who are able to avoid the escalation of problems leading to breakdown have more stability in their marriages, realistic expectations, more flexibility, more experience in parenting special needs children, greater commitment to the child and more willingness to seek help when needed.

The *stability of the couple relationships* mentioned by McRoy (1999) has also been identified in breakdown studies (Westhues & Cohen, 1990). Longer marriages, and hence adopters' older age, have been mentioned as relevant for placement stability in some publications (Berry & Barth, 1990; Groze, 1986; Kadushin & Seidl, 1971). But studies using a matched design of intact versus disrupted placements (Barbosa-Ducharme & Marinho, this issue; Marinho et al., 2012; Rosenthal et al., 1988; Smith & Howard, 1991) have not identified this variable to be relevant. As with many other issues, the length of a marriage or the age of the adopters per se are probably unrelated to the breakdown experience.

Adopters' unrealistic *expectations* have also been highlighted in some studies (Palacios et al., 2015; Paniagua et al., this issue; Randall, 2013; Reilly & Platz, 2003; Rosenthal, Groze, & Curiel, 1990; Smith, 2014). These expectations typically involve idealized views of the child or of their own abilities as parents (Schmidt, Rosenthal, & Bombek, 1988) and might be related with two aspects identified in some other studies. First, Barth and Miller (2000) reported more unrealistic expectations in parents with a higher education. Although some studies (Rosenthal et al., 1988) found more stable placements among parents with lower education, Rosenthal's (1993) review suggests that for each study showing the relevance of parents' education for adoption breakdown, there is another one where such association is not found. Second, idealistic expectations might be facilitated by lack of accurate information provided to parents about the child at the time of placement (Schmidt et al., 1988; Selwyn et al., 2014), a point to be discussed later.

Parenting abilities to address problems and be flexible in their adaptation to the child's characteristics, particularly in the absence of appropriate and targeted support services, have been identified in some adoption breakdown studies. Partridge, Hornby and McDonald (1986) reported that some parental characteristics associated with adoption stability were parents' ability to emotionally distance themselves from the child's problems, their capacity for advocating for services for the child, for altering their expectations in line with the child's abilities, and their flexibility. Similarly, Marinho et al. (2012) found that flexibility towards the child needs and self-confidence in their parenting role were two of the adoptive parents' characteristics that distinguished the intact from the disrupted group. Dance and Rushton (2005) also reported that warmth, involvement with the child and parental sensitivity were significantly associated with placement outcome and stability. Parental inability to cope with children's problematic behavior was also a factor in the post-adoption placements studied by Maza (2014).

In Dance and Rushton (2005) analysis, one of the key issues in adoptive parents' commitment to the child was their perception of problems in the *attachment relationships* of the child to them. Frequently, adoptive parents who experienced breakdown referred to their children's inability to attach to them as one of the main factors leading to serious difficulties (Schmidt et al., 1988). Relatedly, in the study by Rushton, Mayes, Dance and Quinton (2003), when adoptive mothers felt that they were getting something back from the child they were more likely to develop attachment and to remain committed despite the difficulties.

The combination of several of the previous characteristics might help to understand one of the relatively more consistent findings regarding parents' characteristics associated with adoption breakdown: a *relationship with the child previous to the adoption plan* has been associated with placement stability in several studies. When parents and child had been living together for some time before considering adoption (typically, in a foster care

placement converted in adoption), the expectations may be better adjusted to the child's characteristics, and the parents are committed to continue parenting the child. This might help to explain why the adoption by "known" parents has been found to be more stable than the adoption by "new" parents in several studies (Festinger, 1986; McRoy, 1999; Rosenthal et al., 1988), but not in all (Reilly & Platz, 2003; Selwyn et al., 2014). The finding that adoption by relatives has more stability (Festinger, 1986; Smith et al., 2006) goes probably along similar lines.

To end with the roster of parents' characteristics summarized by McRoy (1999), their *willingness to seek help* when in trouble needs a brief mention. Parents can receive support from the family, their social network or from the available professional services. Since this second aspect will be addressed in the following section, we only refer here to the first one. In keeping with what is known in the non-adoption literature, several studies have identified a social support network (family, friends, resources in the community, other adoptive parents) to be associated with placement stability (Berry, 1997; Leung & Erich, 2002; Marinho et al., 2012; McRoy, 1999; Randall, 2013; Rosenthal et al., 1990). Enhancing community networking is an integral part of the goals of effective support services (Barth & Miller, 2000).

In their study of adoption breakdown in Spain, Palacios et al. (2015) reported that while 45% of the adoptive parents experiencing serious difficulties in their adoption tried to find solutions to their problems and sought help, 55% went to child protection services to unexpectedly communicate that the placement of the child should end. This could reflect their emotional distance to the child, their isolation from support networks or their perception that professional services were not available or were ineffective. Most likely, this is a multi-faceted problem in which the parents' despair with the long-lasting difficulties could be coupled with the lack of support to be discussed below.

In summary, research findings concerning adoptive parents' characteristics associated with breakdown are inconsistent. This does not mean that those characteristics are irrelevant and has probably more to do with the limitations of studies that consider some but not all the relevant factors, and that analyze characteristics in isolation more than their interaction. It is important to consider not only interaction with each other of the parents' characteristics, but also with the child's characteristics discussed previously and with those of support and services to be discussed now.

Support and Service Factors

All reviews on the adoption breakdown literature refer to the importance of what is referred to as "systemic factors" (Evan B. Donaldson Adoption Institute, 2004), "service characteristics" (Festinger, 2014), and "agency factors" (Faulkner et al., 2016). The specific aspects considered in each review vary as much as these labels. Once again, the unanimity regarding some of the children's characteristics relevant for adoption breakdown disappears when it comes to the other aspects. Nevertheless, some similarities between different studies exist and they can be grouped in pre- and post-placement professional activities around adoption.

Suitability assessment, preparation of both parents and children, matching, sharing and explaining information about the to-be-placed children are the main *pre-placement* professional activities involved. Although research about these different services is quite scarce, the conclusions of a few studies are worth considering. Even if it is mandatory in all jurisdictions, there is very little empirical evidence about the effectiveness of adoption *suitability assessment* and the research evidence in adoption breakdown cases seems nonexistent. The little we know about the content of the suitability reports suggests that they deserve more research attention. For example, in their study of assessment reports in Sweden (not related to adoption breakdown), Lind and Lindgren (2017) report that risk factors were

never mentioned in the conclusions, which probably reflects the fact that the risk of breakdown is not contemplated in the assessments. The three areas suggested by Selwyn (2015) for prospective adopters' assessment are fully coherent with the previous section in this review: parental hopes and expectations, parental sensitivity, and management of stress and support networks.

Something similar happens with parents' *preparation for adoption*, which is now mandatory in most jurisdictions. All prospective adopters receive it, but very little is known about its quality and content, or its connection with breakdown. In their study of intercountry adoption disruptions in Spain, Palacios et al. (2005) identified lack of preparation as a risk factor for parents who had not received training at a time when this was not yet compulsory. Its importance is highlighted by the fact that, according to Wind, Brooks and Barth (2007), parents comprehensively prepared were more likely to use post-adoption services if needed than those less well prepared. Similar to what happens with their parents-to-be, the preparation of children for adoption has not received consideration in most studies of the breakdown experience or has been found unrelated with the adoption outcome (Festinger, 2014).

Some information exists about the importance of *parent-child matching*, an issue whose interest is emphasized in the Evan B. Donaldson Adoption Institute (2004) and Quinton (2012) reviews. As indicated there, the context of the problem is often the delicate exercise of "stretching" parents' initial preferences to accommodate the characteristics of children that otherwise would have no available family. Although stretching makes the placement of the child feasible in the short-term, it may also create the context for serious long-term difficulties. In fact, in McRoy's (1999) study, a large proportion of the breakdown cases (87% in pre-legalized adoptions and 76% in post-legalized ones) were considered poor matches. Similarly, Berry (1997) found that disruptions were more likely when, for instance,

parents did not intend to adopt a child with emotional disturbances and later realized that the child placed was emotionally very difficult. In Marinho et al.'s (2012) study, lack of consideration of the birth order in the matching of children into adoptive families which already contained children was also found to be a problem.

Matching errors could be linked to two opposite attitudes. On the one hand, "picky" people who listed a large number of preferences for the child they are ready to adopt (Festinger, 2014): "such pickiness at the start did not augur well in the long run" (p. 445). On the other hand, applicants who were ready to adopt children with characteristics (such as a late placement age) that in the long run they could not deal with successfully (Palacios et al., 2015). This optimism can be coupled with adoption professionals' misjudgment of the adopters' capacity to meet high levels of children's problems (Randall, 2013).

Finally, *failure to share and explain information about the child* has been identified as a risk factor in some studies that have emphasized the importance of honest and accurate preplacement information about the child (Barbosa-Ducharme & Marinho, this issue; Berry, 1997; Randall, 2013; Rosenthal, 1993). Often, parents learn about relevant information (e.g., child's sexual abuse) only when the child is with them (Barth & Berry, 1988). Although it could happen that the caseworkers were not aware of some of the child's problems, some parents feel that they were deliberately misinformed or deceived (Berry, 1997). In these circumstances, there is a frequent mismatch between the adoptive parents' and adoption workers' perceptions, as the latter more often thought that they had given all the information to the parents and explained its meaning (Barth & Berry, 1988; Selwyn et al., 2014). Communication problems between what is told and what is heard seem to be involved in some cases, perhaps with adoption professionals not transmitting a complete and accurate picture of the child, and with prospective adopters downplaying the problems they are told about (Palacios, 2012). Communication issues may also be associated with the timing of the

receipt of information. Information received about a child at the time of placement may not be relevant to the parent until issues start to develop later in life, at a time when initial information may be forgotten or not fully understood.

Aspects of the *post-placement* professional intervention related to breakdown include the early identification of problems and the support provided to ameliorate them. The role played by some organizational characteristics of the services provided, often in connection with the two previous problems, has also been analyzed. All these issues will be considered now.

In the breakdown cases where problems started soon after placement, *early detection* is of critical importance. If these problems do not receive adequate attention, it facilitates the “mounting of unresolved conflicts” identified in the early studies of adoption breakdown (Donley, 1978, p. 36). Limited identification of problems may have different reasons. Adoption professionals could be busy with other activities, or parents could not be fully aware of the problems or prefer to end contact with the caseworkers (Selwyn et al., 2014). Adoptive parents could believe that help-seeking reflects parenting failure, worry about being blamed for the child’s problems or be frustrated by their perception of a lack of recognition of the importance of their difficulties (Rushton, 2004). Also, professionals can misinterpret problems as “typical of the adaptation stage,” expecting a “normalization” with time that does not happen (Palacios et al., 2015).

Research has identified several problems in the *support services and activities* to address the needs of troubled families. Post-adoption services are in place “rarely and irregularly,” to use Barth and Miller’s (2000, p. 449) expression. Paradoxically, for those adopting out of the foster care system, the level of support after adoption is lower than what was available while in foster care (Festinger, 2002). Also, parents have less contact with adoption support over time (Houston & Kramer, 2008). Although many families report that

what is available is adequate to meet the needs of the children they had adopted or assumed guardianship of (Fuller et al., 2006), others report significant difficulties in accessing needed services, with a clear mismatch between the problems faced and the amount and quality of the support provided, often limited to well-intended advice and counseling (Palacios et al., 2015).

The *organization and provision of support services* receive frequent mention in adoption breakdown research. The Evan B. Donaldson Adoption Institute (2004) review identifies the fragmentation of responsibilities and division of services as one of the main issues (see also Barbosa-Ducharme & Marinho, this issue). Staff discontinuities (Festinger, 1986) and problems with the availability and quality of mental health services for families in crisis (Randall, 2013; Selwyn et al., 2014) are part of the same picture. Also, Palacios et al. (2015) observed that, when in serious trouble, adoptive families sought private clinical assistance from professionals with no expertise in adoption issues, even when free of charge specialized public services were available. This was interpreted as lack of information about the available services, but also in terms of the parents' attempts to escape from the blaming and control by adoption services. As shown by Smith et al. (2006), the use of professionals with more experience in the field is related to a lower breakdown risk, which highlights the importance of adoption-competent clinical services (Brodzinsky, 2013) as stressed in Brodzinsky and Smith (this issue).

The duration of the offered professional support deserves a final mention. Frequently, post-adoption services are provided only in the months following placement. But, even if the problems start soon after placement, many adoptive parents do not seek support until several years afterwards (Faulkner et al., 2016), which creates just one more mismatch between what is needed and what is offered. In this regard, it is worth mentioning that Berry, Propp and

Martens (2007) found that the importance of the available post-adoption support for achieving permanence increased with time after placement.

Policy and Practice Implications, Research Needs

In their analysis of barriers to adoption success, Rycus, Freundlich, Hughes, Keefer and Oakes (2006) identified three broad areas: organizational obstacles, paucity of specialized services and lack of knowledge about the factors that undermine adoption and stabilize, strengthen and preserve adoptive families. Similarly, Selwyn et al. (2014) identified three areas for recommendations: for the government, for adoption professionals and for research. Our synthesis of policy and practice implications of what is known about adoption breakdown is organized considering these categories.

Some Legal and Policy Basic Requirements

The legal regulation of adoption and the organization of adoption related services vary significantly from one jurisdiction to another. The *policy implications* of what is known about adoption breakdown need to be analyzed with this diversity in mind. Considering this, our analysis here will be limited to two general issues: placement age and organization of adoption related services.

Our review of factors associated with adoption disruption highlighted the critical importance of an elevated *age at placement* as a key risk factor for adoption breakdown. As indicated above, age at placement is a proxy for accumulated adversity which finds expression in the child's emotional and behavioral problems identified as the other more relevant risk factor for adoption stability and permanence. The implication is that all that can be done to reduce the exposure to adversities and to speed up adoption placements will be beneficial to prevent adoption breakdown.

Legal changes in different countries have stressed the importance of reducing waiting times and promoting the stability that adoption can afford. Actions to consider include

improving early identification of child abuse and neglect, imposing serious restrictions to the institutionalization of young children where this is still an option, reducing the number of transitions from one care context to another, preserving family connections through suitable kin caregivers, using concurrent planning (placement with a family who will become the adoptive family if reunification is unsuccessful and the court makes the necessary order) and facilitating adoption from foster care when this is in the best interest of the child and without a reduction of child and family support. Furthermore, for children adopted at an older age, the provision of supports and services after placement is particularly important to sustain parent-child relationships and prevent adoption breakdown.

The *organization of adoption related services* must acknowledge the fact that the time when assessing adoption suitability and matching children and parents were the main (if not the only) professional activities is long past. Thorough assessment of adoption suitability that identifies both strengths and weaknesses of parents and children, comprehensive adoption preparation of parents and children, identifying criteria for good enough parenting and effective matching, provision of quality post-placement follow-up and support services are some of the areas that cannot be entirely left at the discretion of each agency or professional. Developing standards of good practice in all these areas and ensuring its implementation should be part of a policy oriented towards the promotion of placement stability.

Beyond the family level, the organization of community educational and mental health services must also be considered. These are critical components of the ecology of adoption located outside the family but with a relevant influence on what happens inside (Palacios, 2009). At school, many adopted children face learning difficulties, but some also encounter problems in managing relationships, facing stigma associated with adoption and adapting to the requirements of the school context (Bomber, 2010; Soares, Barbosa-Ducharne, Palacios & Fonseca, 2017). As for the need that many adoptive families have

regarding counseling and clinical services, a thorough analysis of the barriers encountered and the way to overcome them has been presented by Brodzinsky (2013). As indicated in his analysis, services lacking adoption awareness and specialization can at times do more harm than good. The availability and specialization of educational and mental health services ready to take account of adopted persons and adoptive families in need of support are a key component to promote stability and prevent breakdown. This may need to begin with the training of adoption related professionals for them to understand the unique strengths and needs of families formed through adoption (see Brodzinsky & Smith, this issue).

Selwyn (2017) has reviewed the support needs of adoptive families and the evidence for effective interventions, rating them at three different levels: interventions effective and proven by research, interventions supported by research and promising practices. But for the more problematic cases, even the best clinical treatment may not be enough. Severely troubled youngsters need to increase the number and quality of positive interactions outside the clinical context and, according to Perry (2006), the approach must include the process of creating a “therapeutic web” in which any healthy and invested people in the child’s life (parents, siblings, teachers, kin, neighbors) are needed in providing therapeutic opportunities in their daily life interactions. The multi-systemic therapeutic approach discussed by Brodzinsky and Smith (this issue) is a good example of this type of intervention.

Adoption Practice

Even when a wide array of services are available, the final day-to-day work occurs in the families. In the best of circumstances, these families are supported by informal networks and professional staff. For staff working with adoptive children and families, this work requires professionals who are able to manage the complexity of adoptive families. This may include a shift from work where the main goal was helping families to find children, to a

long-term view that includes finding, assessing, preparing and supporting families to ensure the stability and permanence for children with early adversities.

The complexity of the work is highlighted in a Child Welfare Information Gateway (2006) bulletin outlining “*the basics of adoption practice.*” The list of the “basics” includes family and child assessment, birth parents’ involvement, openness in adoption, matching families and children, sharing information with families, involving youth in their placements, placing children with families, postplacement services to facilitate adjustment and deal with attachment issues, and support services once the adoption has been legalized. Other relevant “basics” to consider are: preparation of both parents and children, advocacy and liaison roles with the health and education systems, and supporting the adoptees’ search for their origins. The list of standards for child welfare professionals put forward by the National Association of Social Workers (2013) is no less intimidating in variety and complexity.

The diversity and complexity of the tasks and the skills required to fulfill them makes *team work and specialization* inevitable. Selwyn et al. (2014) outlined specific recommendations for team and service managers as well as for adoption professionals. Ensuring adequate training, supervision and support of adoption workers, dealing with case load distribution and individual case management, putting forward effective ways to respond to the varied needs of children and families, promoting team reflective practice are some of the activities to be added to their long list of recommendations for adoption teams or agencies. For *adoption professionals* some of the recommendations additional to the ones outlined by Selwyn et al. (2014) include capacity to work under stress and uncertainty, skills for team work, abilities to relate to parents and children, comfort in multidisciplinary work and continuous professional improvement.

Research Needs

When Kadushin and Seidl (1971) studied “adoption failures” several decades ago, their review of the literature included eight studies and was summarized in a table. Fifteen years later, in her insightful analysis of the “necessary risks” that adoption professionals need to take when placing children in families, Festinger’s (1986) review of the literature about adoption breakdown occupied little more than three pages. If we now consider the extension and list of references of more recent reviews, including this one, it is evident that we have accumulated a rich body of empirical knowledge about adoption breakdown. However, significant gaps and unanswered questions still remain. Two will be mentioned here regarding, respectively, basic and applied research.

In its current state, studies of adoption breakdown *incidence* are a jumble of samples, designs, methods and figures. New studies will probably add more diversity of approaches and findings. It is in this context that a meta-analytic exercise was suggested above as a necessary step forward.

Although a substantial body of knowledge about *factors associated with breakdown* has accumulated in recent years, the findings lack cohesion due to the diversity of methods and factors in each study. Approaches considering variables jointly rather than in isolation are a significant step forward and should to be pursued in future research. Matched designs of intact and disrupted adoptions have been used only scarcely (Barbosa-Ducharme & Marinho, this issue; Marinho et al., 2012; Rosenthal, Schmidt, & Conner, 1988; Smith & Howard, 1991; Wijedasa & Selwyn, 2017), but are likely to be a fruitful direction for research. Also, as Festinger (2014) has indicated, some children experience an adoption that ends and are later successfully adopted in other families, and this could provide for another interesting avenue of new research designs.

Finally, while we have limited knowledge about the post-breakdown adopters’ perspective (Schmidt, Rosenthal, & Bombeck, 1988; Selwyn et al., 2014), even less is known

about *post-breakdown children's perspectives*. Selwyn et al. (2014) interviewed 12 youngsters who had experienced an adoption breakdown; this needs to be seen as just an initial effort in a promising direction. In residential facilities or in new families after breakdown, adopted youngsters are a very rich source of information and their voice needs to be heard and understood more often.

The needs in *applied research* regarding adoption breakdown and the strengths that allow some families to thrive are perhaps more fundamental. As Rushton (2004) indicated, the main problem is our lack of knowledge about what works best for whom, and about how to replicate successful interventions to achieve similar outcomes. Given the complexity of the problems involved and the intricate dynamics of unhappy adoptive families, research is needed on the use of multidimensional treatments like those developed for troubled youngsters at risk of out-of-home placement (Hengglerer & Schaeffer, 2016; Brodzinsky & Smith, this issue) or placed in foster families or residential homes (Fisher & Gilliam, 2012; Sinclair et al., 2016).

Among the many needs that these children and families experience, two stand out for their singular importance: establishing and maintaining attachment bonds and effective ways to handle problem behaviors such as violence within the family. Zeanah, Berlin and Boris (2011) have analyzed some of main attachment issues in working with children and parents, including assessment and effective interventions, with a particular emphasis on children in care and adopted after institutional experiences. A better knowledge of how these tools can be used to strengthen parent-child emotional bonds would be essential to facilitate permanence and stability in problematic placements, as well as to increase adoptive parents' commitment with their new child.

Finally, with regards to research about effective ways to handle problem behavior and violence, much can be learned from the multidimensional approaches mentioned above and

developed to avoid out-of-home placements or to increase stability in at-risk foster care placements. At least two research questions deserve consideration. First, the early identification of difficulties that may hamper placement stability. Screening tools like the one researched by Hurlburt, Chamberlain, DeGarmo, Zhang and Price (2010) for foster care placements at risk of disruption need to be developed and studied also in the context of risky adoptive placements. Second, effective ways for working with children and parents in contexts where the relationship is jeopardized by problems and violence need to be studied in problematic adoptions. The guidelines for pediatricians working with children with maltreatment experiences, including the analysis of evidence-based treatments and trauma-informed practices for children in foster care (Sege & Amaya-Jackson, 2017), is a good example of the way to follow and of the need of sound research about the viability and efficacy of different treatment approaches and methods.

References

- Barbosa-Ducharme, M., & Marinho, S. (this issue). Beyond the child's age at placement: Risk and protective factors in pre-adoption breakdown in Portugal. *Research on Social Work Practice*.
- Barth, R., & Berry, M. (1988). *Adoption & disruption: Rates, risks and responses*. Hawthorne, New York: Aldine de Gruyter.
- Barth, R., Berry, M., Yoshikami, R., Goodfield, R., & Carson, M. (1988). Predicting adoption disruption. *Social Work, 33*, 227–233.
- Barth, R., & Miller, J. (2000). Building effective post-adoption services: What is the empirical foundation? *Family Relations, 49*, 447–455. doi:10.1111/j.1741-3729.2000.00447.x
- Beckett, C., Pinchen, I., & McKeigue, B. (2013) Permanence and 'permanence' outcomes of family placements. *British Journal of Social Work, 44*, 1162-1179. doi:10.1093/bjsw/bcs206
- Berástegui, B. (2003). *Las adopciones internacionales truncadas y en riesgo en la Comunidad de Madrid (Truncated and at risk international adoptions in the Madrid region)*. Madrid: Consejo Económico y Social.
- Berry, M. (1997). Adoption disruption. In R. Avery (ed.), *Adoption policy and special needs children* (pp. 77–106). Westport, CT: Auburn House.
- Berry, M., & Barth, R. (1990). A study of disrupted adoptive placements of adolescents. *Child Welfare, 69*, 209–225.
- Berry, M., Propp, J., & Martens, P. (2007). The use of intensive family preservation services with adoptive families. *Child & Family Social Work, 12*, 43-53. doi:10.1111/j.1365-2206.2006.00426.x

- Bomber, L.M. (2010). What about me? Inclusive strategies to support pupils with attachment difficulties make it through the school day. London: Worth Publishing.
- Brodzinsky, D. (2013). *A need to know. Enhancing adoption competence among mental health professionals*. New York: Evan B. Donaldson Institute.
- Brodzinsky, D. & Smith, S. L. (this issue). Commentary: Understanding research, policy and practice issues in adoption instability. *Research on Social Work Practice*.
- Child Welfare Information Gateway (2006). *The basics of adoption practice*. Washington, D.C.: Children's Bureau.
- Child Welfare Information Gateway (2012). *Adoption disruption and dissolution*. Washington, D.C.: Children's Bureau.
- Coakley, J. F., & Berrick, J. D. (2008). In a rush to permanency: Preventing adoption disruption. *Child and Family Social Work, 13*, 101–112. doi:10.1111/j.1365-2206.2006.00468.x
- Dance, C. & Rushton, A. (2005). Predictors of outcome for unrelated adoptive placements made during middle childhood. *Child and Family Social Work, 10*, 269-280. doi:10.1111/j.1365-2206.2005.00357.x
- Department for Education (2016). Children who are looked after including adoptions: 2015-2016. Retrieved from <https://www.gov.uk/government/statistics/children-looked-after-in-england-including-adoption-2015-to-2016>
- Donley, K. (1978). The dynamics of disruption. *Adoption & Fostering, 92*, 34-39.
- Elmund, A., Lindblad, F., Vinnerljung, B. & Hjern, A. (2007). Intercountry adoptees in out-of-home care: A national cohort study. *Acta Paediatrica, 96*, 437–442. doi:10.1111/j.1651-2227.2006.00149.x
- Evan B. Donaldson Adoption Institute (2004). *What's working for children: A policy study of adoption stability and termination*. New York: Author.

- Farmer, E., Dance, C., Beecham, J., Bonin, E., & Ouwejan, D. (2010). *An investigation of family finding and matching in adoption - briefing paper*. London: Department for Education.
- Faulkner, M., Adkins, T., Fong, R., & Rolock, N. (2017). *Risk and protective factors for discontinuity in public adoption and guardianship: A review of the literature*. Southfield, MI: National Quality Improvement Center for Adoption and Guardianship Support and Preservation.
- Festinger, T. (1986). *Necessary risk: A study of adoptions and disrupted adoptive placements*. Washington, DC: Child Welfare League of America.
- Festinger, T. (2002). After adoption: Dissolution or permanence? *Child Welfare, 81*, 515–525.
- Festinger, T. (2014). Adoption disruption. In Mallon, G.P. & Hess, P.M. (Eds.), *Child welfare for the 21st century: A handbook of practices, policies, and programs (2nd ed.)*, pp. 437-454. New York, NY: Columbia University Press.
- Festinger, T., & Maza, P. (2009). Displacement or post-adoption placement? A research note. *Journal of Public Child Welfare, 3*, 275-286. doi:10.1080/15548730903129889
- Fisher, P.A., & Gilliam, K.S. (2012). Multidimensional Treatment Foster Care: an alternative to residential treatment for high risk children and adolescents. *Psychosocial Intervention, 21*, 195-203. doi:10.5093/in2012a20
- Fratter, J., Rowe, J., Sapsford, D., & Thoburn, J. (1991). *Permanent family placement: A decade of experience*. London: BAAF.
- Fuller, T., Bruhn, C., Cohen, L., Lis, M., Rolock, N., & Sheridan, K. (2006). *Supporting adoptions and guardianship in Illinois: An analysis of subsidies, services and spending*. School of Social Work: University of Illinois at Urbana-Champaign.

- Gibb, B. E. (2002). Childhood maltreatment and negative cognitive styles: A quantitative and qualitative review. *Clinical Psychology Review, 22*, 223–246. doi:10.1016/S0272-7358(01)00088-5
- Goerge, R., Howard, E., Yu, D., & Radomsky, S. (1997). *Adoption, disruption, and displacement in the child welfare system, 1976–94*. Chicago: University of Chicago, Chapin Hall Center for Children.
- Green, S.T. (2017). The law demands process for rehomed children. *Arkansas Law Review, 69*, 729-756.
- Groze, V. (1986). Special-needs adoption. *Children and Youth Services Review, 8*, 363–375.
- Hegar, R. (2005). Sibling placement in foster care and adoption: An overview of international research. *Children and Youth Services Review, 27*, 717-734.
doi:10.1016/j.childyouth.2004.12.018
- Heim, C., & Nemeroff, C. B. (2001). The role of childhood trauma in the neurobiology of mood and anxiety disorders: Preclinical and clinical studies. *Biological Psychiatry, 49*, 1023–1039. doi:10.1016/S0006-3223(01)01157-X
- Hengglerer, S.W., & Schaeffer, C.L. (2016). Multisystemic therapy: Clinical overview, outcomes, and implementation research. *Family Process, 55*, 514-528.
doi:10.1111/famp.12232
- Hoksbergen, R.A.C. (1991). Understanding and preventing “failing adoptions.” In E.D. Hibbs (Ed.), *Adoption: International perspectives* (pp. 265-278). Madison, CT: International University Press.
- Holloway, J. (1997). Outcome in placements for adoption or long-term fostering. *Archives of Diseases in Childhood, 76*, 227–230.
- Houston, D.M., & Kramer, L.F (2008). Meeting the long-term needs of families who adopt children out of foster care: A three-year follow-up study. *Child Welfare, 87*,145-170.

- Hurlburt, M. S., Chamberlain, P., DeGarmo, D., Zhang J., & Price, J. (2010). Advancing prediction of foster placement disruption using brief behavioral screening. *Child Abuse & Neglect*, *34*, 917–926. doi:10.1016/j.chiabu.2010.07.003
- Kadushin, A. (1980). *Child welfare services* (3rd ed.). New York: MacMillan.
- Kadushin, A., & Seidl, F. (1971). Adoption failure: A social work postmortem. *Social Work*, *16*, 32–38.
- Leung, P., & Erich, S. (2002). Family functioning of adoptive children with special needs: Implications of familial supports and child characteristics. *Children and Youth Services Review*, *24*, 799-816. doi:10.1016/S0190-7409(02)00240-2
- Lind, J., & Lindgren, C. (2017). Displays of parent suitability in adoption assessment reports. *Child & Family Social Work*, *22*, 53-63. doi:10.1111/cfs.12305
- Litrownik, A.J., Proctor, L.J., & Yeh, M. (in press). Trauma and socioemotional development in foster youth: Lessons learned from LONGSCAN. In E. Trejos-Castillo & N. Trevino (Eds.), *Handbook of Foster Youth*. New York: Routledge/Taylor & Francis.
- Marinho, S., Barbosa-Ducharne, M., & McRoy, R. (2012). Predictors of adoption disruption and permanency. In *Proceedings of The XV European Conference on Developmental Psychology* (pp. 225-233). Roma: Medimond.
- Maza, P. (2014). Post-adoption instability: A national study. In S.L. Simith (2014), *Keeping the promise. The case for adoption support and preservation* (pp. 51-64). New York: The Donaldson Adoption Institute.
- McDonald, T., Lieberman, A., Partridge, S., & Hornby, H. (1991). Assessing the role of agency services in reducing adoption disruption. *Children and Youth Services Review*, *13*, 425–438. doi:10.1016/0190-7409(91)90030-L
- McRoy, R. G. (1999). *Special needs adoptions: Practice issues*. New York: Garland.

- Nalavany, B., Ryan, S., Howard, J., & Smith, S. (2008). Preadoptive child sexual abuse as a predictor of moves in care, adoption disruptions, and inconsistent adoptive parent commitment. *Child Abuse & Neglect*, *32*, 1084-1088.
doi:10.1016/j.chiabu.2008.07.001
- National Association of Social Workers (2013). *NASW Standards for Social Work Practice in Child Welfare*. Washington, DC: NASW.
- Oosterman, M., Schuengel, C., Wimsloot, N., Bullens, R., & Doreleijers, T. (2007). Disruptions in foster care: A review and meta-analysis. *Children and Youth Services Review*, *29*, 53–76. doi:10.1016/j.childyouth.2006.07.003
- Palacios, J. (2009). The ecology of adoption. In G. M. Wrobel & E. Neil (Eds.), *International advances in adoption research for practice* (pp. 71-94). Chichester, UK: Wiley-Blackwell.
- Palacios, J. (2012). Understanding and preventing adoption breakdown. In J. Gibbons & K. Rotabi (Eds.), *Intercountry adoption: policies, practices, and outcomes* (pp. 273-282). Burlington, VT: Ashgate.
- Palacios, J., Jiménez-Morago, J.M., & Paniagua, C. (2015). *Rupturas en adopción y acogimiento familiar en Andalucía. Incidencia, factores de riesgo, procesos e implicaciones (Breakdown in adoption and foster care in Andalusia. Incidence, risk factors, processes and implications)*. Sevilla: Junta de Andalucía.
- Palacios, J., Sánchez-Sandoval, Y., & León, E. (2005). Intercountry adoption disruption in Spain. *Adoption Quarterly*, *9*, 35-55. doi:10.1300/J145v09n01_03
- Paniagua, C., Palacios, J., Jiménez-Morago, J., & Rivera (this issue). Adoption breakdown in Spain: A survival and age-related analysis. *Research on Social Work Practice*.

- Partridge, S., Hornby, H., & McDonald, T. (1986). *Legacies of loss—Visions of gain: An inside look at adoption disruptions*. Portland: Center for Research and Advanced Study, University of Southern Maine.
- Perry, B. (2006). Applying principles of neurodevelopment to clinical work with maltreated and traumatized children: The neurosequential model of therapeutics. In N.B. Webb (Ed.), *Working with traumatized youth in child welfare*, (pp.27–52). New York, NY: Guilford.
- Quinton, D. (2012). *Rethinking matching in adoptions from care*. London: BAAF.
- Quinton, D., Rushton, A., Dance, C., & Mayes, D. (1998). *Joining new families: A study of adoption and fostering in middle childhood*. Chichester, UK: Wiley.
- Randall, J. (2013). Failing to settle: A decade of disruptions in a voluntary adoption agency in placements made between 2001 and 2011. *Adoption & Fostering*, 37, 188-199.
doi:10.1177/0308575913490493
- Reilly, T., & Platz, L. (2003). Characteristics and challenges of families who adopt children with special needs: An empirical study. *Children and Youth Services Review*, 25, 781-803. doi:10.1016/S0190-7409(03)00079-3
- Rolock, N. (2015). Post-permanency continuity: What happens after adoption and guardianship from foster care? *Journal of Public Child Welfare*, 9(2), 153-173.
doi:10.1080/15548732.2015.1021986
- Rolock, N., & Testa, M. F. (2008). *Conditions of children in or at risk of foster care in Illinois: An assessment of their safety, stability, continuity, permanence, and well-being*. Urbana, IL: Children and Family Research Center.
- Rolock, N., & White, K. R. (2016). Post-permanency discontinuity: A longitudinal examination of outcomes for foster youth after adoption or guardianship. *Children and Youth Services Review*, 70, 419-427. doi:10.1016/j.childyouth.2016.10.025

- Rolock, N., White, K. R., Ocasio, K., Zhang, L., MacKenzie, M. J., & Fong, R. (this issue). A comparison of foster care reentry after adoption in two large U.S. States. *Research on Social Work Practice*.
- Rosenthal, J.A. (1993). Outcomes of adoption of children with special needs. *The Future of Children, 3*, 77-88. doi:10.2307/1602403
- Rosenthal, J.A., Groze, V., & Curiel, H. (1990). Race, social class and special needs adoption. *Social Work, 35*, 532-539. doi:10.1093/sw/35.6.532
- Rosenthal, J.A., Schmidt, D., & Conner, J. (1988). Predictors of special needs adoption disruption: An exploratory study. *Children and Youth Services Review, 10*, 101-117. doi:10.1016/0190-7409(88)90031-X
- Rosnati, R., Ranieri, S. & Ferrari, L. (2017). Panorama international des recherches sur les échecs d'adoption (International overview of research on failed adoptions). In C. Jeannin (Ed.), *Vers une plus grande compétence: Apprendre des échecs de l'adoption internationale (Towards an improved competence: Learning from international adoption failures)* pp. 40-43. Genève: Service Social International.
- Rushton, A. (2004). A scoping and scanning review of research on the adoption of children placed from public care. *Clinical Child Psychology and Psychiatry, 9*, 89–106. doi:10.1177/1359104504039768
- Rushton, A., & Dance C. (2003). Preferential rejection: Research findings and practice implications. *Adoption & Fostering 27*, 68–70. doi:10.1177/030857590302700109
- Rushton, A., & Dance, C. (2006). The adoption of children from public care: A prospective study of outcome in adolescence. *Journal of the American Academy of Child and Adolescent Psychiatry, 45*, 877–883. doi:10.1097/01.chi.0000220850.86768.e8
- Rushton, A., Dance, C., Quinton, D., & Mayes, D. (2001). *Siblings in late permanent placements*. London: BAAF.

Rushton, A., Mayes, D., Dance, C., & Quinton, D. (2003). Parenting late-placed children:

The development of new relationships and the challenge of behavioral problems.

Clinical Child Psychology and Psychiatry, 8, 389-400.

doi:10.1177/1359104503008003008

Rycus, J.S., Freundlich, M., Hughes, R.C., Keefer, B., & Oakes, E.J. (2006). Confronting

barriers to adoption success. *Family Court Review*, 44, 210-230. doi:10.1111/j.1744-

1617.2006.00081.x

Schmidt, D., Rosenthal, J., & Bombeck, B. (1988). Parents' views of adoption disruption.

Children and Youth Services Review, 10, 119–130. doi:10.1016/0190-7409(88)90032-

1

Sege, R.D., Amaya-Jackson, L. (2017). Clinical considerations related to the behavioral

manifestations of child maltreatment. *Pediatrics*, 139(4): e1-e13.

doi:10.1542/peds.2017-0100

Selwyn, J. (2015). The home study and assessment of applicants: Research evidence. In J.

Alper & D. Howe (Eds.), *Assessing adoptive and foster parents. Improving analysis and understanding of parental capacity* (pp. 41-65). London: Jessica Kingsley Pub.

Selwyn, J. (2017). *Post-adoption support and interventions for adoptive families: Best*

practice approaches. Munich: Deutsche Jugendinstitut.

Selwyn, J. (this issue). Sibling relationships in adoptive families that disrupted or were in

crisis. *Research on Social Work Practice*.

Selwyn, J. Sturges, W., Quinton, D., & Baxter, C. (2006). *Costs and outcomes of non-infant*

adoptions. London: BAAF.

Selwyn, J., Wijedasa, D., & Meakings, S. (2014). *Beyond the adoption order: Challenges,*

interventions and disruption. Retrieved from

<https://www.gov.uk/government/publications/beyond-the-adoption-order-challenges-intervention-disruption>

- Sinclair, I., Parry, E., Biehal, N., Fresen, J., Kay, C., Scott, S., & Green, J. (2016). Multi-dimensional Treatment Foster Care in England: Differential effects by level of initial antisocial behavior. *European Journal of Child and Adolescent Psychiatry*, 25, 843-852. doi:10.1007/s00787-015-0799-9
- Smith, S. L. (2014). *Keeping the promise. The case for adoption support and preservation*. New York, NY: The Donaldson Adoption Institute.
- Smith, S.L., & Howard, J. (1991). A comparative study of successful and disrupted adoptions. *Social Service Review*, 65, 248–265. doi:10.1086/603836
- Smith, S.L., & Howard, J. (1994). The impact of previous sexual abuse on children's adjustment in adoptive placement. *Social Work*, 39, 491-501. doi:10.1093/sw/39.5.491
- Smith, S.L., Howard, J., Garnier, P., & Ryan, S. (2006). Where are we now? A post-ASFA examination of adoption disruption. *Adoption Quarterly*, 9, 19-44. doi:10.1300/J145v09n04_02
- Soares, J., Barbosa-Ducharne, M., Palacios, J. & Foseca, S. (2017). Being adopted in the school context: Individual and interpersonal predictors. *Children and Youth Services Review*, 79, 463-470. doi:10.1016/j.childyouth.2017.06.043
- Tarren-Sweeney, M. & Vetere, A. (2013). *Mental health services for vulnerable children and young people: Supporting children who are, or have been, in foster care*. London: Routledge.
- Testa, M. F., Snyder, S., Wu, Q., Rolock, N., & Liao, M. (2014). Adoption and guardianship: A moderated mediation analysis of predictors of post-permanency continuity. *American Journal of Orthopsychiatry*, 85, 107-118. doi:10.1037/ort0000019

- Turecki, G., Ota, V.K., Belangero, S.I., Jackowski, A., & Kaufman, J. (2014). Early life adversity, genomic plasticity, and psychopathology. *Lancet Psychiatry*, *1*, 461–466. doi:10.1016/s2215-0366(14)00022-4
- U.S. Government Accountability Office (September, 2015). Child welfare: Steps have been taken to address unregulated custody transfers of adopted children. GAO-15-733.
- U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth, and Families [USDHHS] (2015). *The AFCARS report*. Washington, DC: U.S. Government Printing Office.
- Westhues, A., & Cohen, J. (1990). Preventing disruption of special-needs adoption. *Child Welfare*, *69*, 141–155.
- White, K. R. (2016). Placement discontinuity for older children and adolescents who exit foster care through adoption or guardianship: A systematic review. *Child and Adolescent Social Work Journal*, *33*(4), 377-394. doi:10.1007/s10560-015-0425-1
- Wijedasa, D. & Selwyn, J. (2017). Examining rates and risk factors for post-order adoption disruption in England and Wales through survival analyses. *Children and Youth Services Review*, *83*, 179-189. doi:10.1016/j.chilyouth.2017.10.005
- Wind, L., Brooks, D., & Barth, R. (2007). Influences of risk history and adoption preparation on post-adoption services use in U.S. adoptions. *Family Relations*, *56*, 378–389. doi:10.1111/j.1741-3729.2007.00467.x
- Zeanah, C.H., Berlin, L.J., & Boris, N.W. (2011). Practitioner review: Clinical applications of attachment theory and research for infants and young children. *Journal of Child Psychology and Psychiatry*, *52*, 819-833. doi:10.1111/j.1469-7610.2011.02399.x